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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	linear with feedback adj shift adj register with random with (permut\$5 or interlev\$3) with polynomi\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:13
L2	2	"20040246888".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 15:23
L3	77	DVB and "4k mode"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 16:07
L4	57	DVB with "4k mode"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 16:07
L5	2	"5051998".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:09
L6	4271	375/260	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:10
L7	2	("6353900").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:12

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L8	1666	370/203	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:12
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L10	248	linear with feedback adj shift adj register and random and (permut\$5 or interlev\$3)and polynomi\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 19:10
L11	8	10 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:18
L12	12	10 and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:18
L13	0	10 and 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:14
L14	0	3 and 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:14

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L16	1	3 and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:14
L17	73	linear with feedback adj shift adj register and ((eleven or "11") near ((bit adj address) or (stages)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:22
L19	0	17 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:21
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L21	0	17 and 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:21
L22	62	linear adj feedback adj shift adj register and ((eleven or "11") adj ((bit adj address) or (stages)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:26

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L23	2	linear adj feedback adj shift adj register with ((eleven or "11") adj ((bit adj address) or (stages)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:23
L24	4	linear adj feedback adj shift adj register same ((eleven or "11") adj ((bit adj address) or (stages)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:24
L25	3	linear adj feedback adj shift adj register and ((eleven or "11") adj ((bit adj address) or (stages))) and ofdm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 17:26
L27	1	("2006/0062314").URPN.	USPAT	OR	ON	2007/11/13 17:39
L28	1	("2006/0062314").URPN.	USPAT	OR	ON	2007/11/13 17:41
L29	0	"4k modem" and "2k mode" and "8k mode"	USPAT	OR	ON	2007/11/13 17:42
L30	3	"4k mode" and "2k mode" and "8k mode"	USPAT	OR	ON	2007/11/13 17:42
L31	1	(linear with feedback adj shift adj register and random and (permut\$5 or interlev\$3)and polynomi\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 19:10
S3	1	10/806524	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 15:54

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sequences with a given characteristic **polynomial** is obtained. by a new method. ... **Linear feedback shift register (LFSR) random number gen- ...**
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1) Use a 58-bit wide **linear feedback shift register** to implement the scrambler **polynomial**; 2) Produce A 32-bit wide value from this **linear feedback shift ...**
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Chapter 4 Linear Feedback Shift Registers

Clearly no periodic sequence, such as the keystream produced by a **linear feedback shift register**, is truly **random**. In fact knowledge of any 2m consecutive ...
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A **linear feedback shift register** for use as a SONET data scrambler, ... A means and method for generating **random permutations** on a square having k.sup.2 ...
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Means and method for generating permutations of a square - Patent ...

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"Really **Random**" Values; Cycle Detection; **Polynomial** Degree ... Finding Primitive Mod 2 **Polynomials**; Combined RNG's; **Random Permutations** ...
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A modern rotor machine

Umkehrwalze), in which three wired rotors which each implement a **random. permutation** on 256 symbols are turned by a **linear feedback shift register**. It is ...
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Internally generated vectors for burnin system - US Patent 6675338

Linear feedback shift register for circuit design technology validation Then the LFSR

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may generate **random** numbers according to the **polynomial** in the ...

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a **linear feedback shift register** including a predetermined number of register

According to the generator **polynomial a pseudo random bit sequence** is ...

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The algorithm uses a **linear feedback shift register** to generate pseudorandom numbers, which in turn are used to generate pseudorandom **permutations**. ...

www.3gcn.org/3gpp2/TSGC/Working/2007-02-Seoul/TSG-C-2007-02-Seoul/WG3/C30-20070212-049_C.P0084%20v0.88.doc - [Similar pages](#) - [Note this](#)

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2.5.3.1 **Pseudo-random Bit Sequence** Generation For Scrambling **permutations**.

30. The 20-tap **linear feedback shift register** shall have a generator ...

ftp://tiaonline.org/tr-45/tr455/Incoming/Approved/TIA-1121_Updates.pdf -

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Intersection specifies the intersect length of two consecutive **OFDM** symbols. The

linear feedback shift register component can be used to generate PN ...

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1 Interleaver for mapping symbols on the carriers of an OFDM system

Inventor: PERON JEAN-LUC (FR)

Applicant: SONY UK LTD (GB)

EC: H03M13/27; H04L27/26M5; (+1)

IPC: **H03M13/27; H04L27/26; H04N5/44** (+8)

Publication info: **EP1463256** - 2004-09-29

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Interleaver for mapping symbols on the carriers of an OFDM system

Publication number: EP1463256

Publication date: 2004-09-29

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Applicant: SONY UK LTD (GB)

Classification:

- international: H03M13/27; H04L27/26; H04N5/44; H04L1/00; H03M13/00; H04L27/26; H04N5/44; H04L1/00; (IPC1-7): H04L27/26; H03M13/27; H04N5/44

- European: H03M13/27; H04L27/26M5; H04N5/44N

Application number: EP20040251667 20040323

Priority number(s): EP20040251667 20040323; EP20030290754 20030325

Also published as:

EP1662740 (A1)
EP1662739 (A1)
EP1463256 (B1)

Cited documents:

US6353900
XP002207124
XP002249911

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Abstract of EP1463256

A data processing apparatus maps input symbols to be communicated onto a predetermined number of carrier signals of an Orthogonal Frequency Division Multiplexed (OFDM) symbol. The data processor includes an interleaver memory which reads-in the predetermined number of data symbols for mapping onto the OFDM carrier signals. The interleaver memory reads-out the data symbols on to the OFDM carriers to effect the mapping, the read-out being in a different order than the read-in, the order being determined from a set of addresses, with the effect that the data symbols are interleaved on to the carrier signals. The set of addresses are generated from an address generator which comprises a linear feedback shift register and a permutation circuit. In order to provide a 4k mode for an OFDM modulated system such as a Digital Video Broadcasting (DVB) standard such as DVB-Terrestrial (DVB-T) or DVB-Handheld (DVB-H) standards, a generator polynomial for the linear feedback shift register of $R^i \Delta^{10} \bar{U} = R^i - 1 \Delta^{0} \bar{U} (+) R^i - 1 \Delta^2 \bar{U}$ is provided with a permutation order which has been established by simulation analysis to optimise communication performance via typical radio channels.

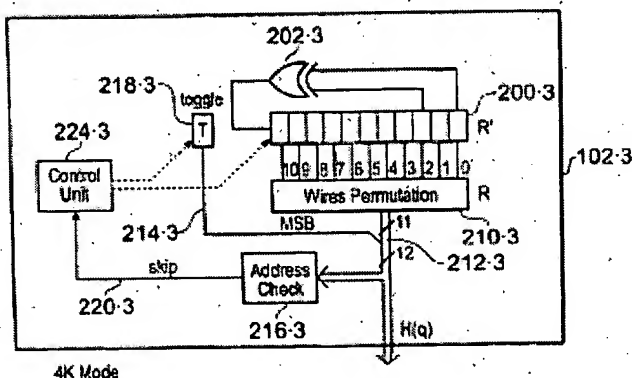


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In order to provide a **4k mode** for an **OFDM** modulated system such as a Digital

According to the generator **polynomial a pseudo random bit sequence** is ...

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According to the generator **polynomial a pseudo random bit sequence** is 6TABLE 4

Bit **permutation** for the **4K mode** R.sub.i' bit positions 10 9 8 7 6 5 4 3 ...

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It is worth emphasizing that the **4K mode** of DVB-H is not. compulsory. implement the **4K mode** the following changes must be made to a. DVB-T modulator: ...

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However DVB-H provides a more in-depth interleaver that interleaves bits over two OFDM symbols (for the **4K mode**) and four bits (for the 2K mode). ...

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Note that the **4K mode**, the in-depth interleavers and the DVB-H The DVB-T **4K mode** can be used both for single transmitter operation and for small and ...

www.dvb-h.org/PDF/DVB-H%20Specification%20-%20En302304.V1.1.1.pdf -

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DVB supports **4k mode**, 5 MHz channel ... **4K mode**. 0.4%. 0.3% to 0.5%. 8K mode. 0.4%. 0.3% to 0.5%. DVB-C. 0.9%. 0.5% to 0.9%. 1. All DVB-T/H EVM values refer ...

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The **4K mode**. makes the receiver taste good! DVB-H is not alone. ... **4K-mode:** With the addition of a **4K mode**, DVB-H benefits from the compromise between the ...

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4K mode, offering additional flexibility in designing single-frequency DVB-H allows a **4K mode** to be used in addition which is created via a 4096-point ...

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Memory efficient ofdm channel estimation and frequency domain ...

The **4K mode** is defined exclusively for DVB-H transmissions. [0014] The DVB-T/H signal structure is organized into frames. Each frame consists of 68 OFDM ...

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The DVB-T **4K** mode can be used both for single-transmitter operation and for generator implemented as a maximum period **linear feedback shift register**. ...

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High-speed Architectures for Parallel Long BCH Encoders

linear feedback shift register architecture. High-speed ap- Input $m(4k+1)$. Message. Input $m(4k+2)$. Message. Input $m(4k+3)$...

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limitation costs accuracy, but keeps the table within one **4K** memory The **linear feedback shift register** (LFSR) provides an efficient method of ...

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Initial value of the **linear feedback shift register** used to generate the PN15 (Sub-carrier of OFDM) 2K, **4K**, 8K. "**4K**" cannot be set when No.1 = DVB-T. ...

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LFSR: **Linear feedback shift register**. • LTE: Long term evolution. ("4G") One integer memory of $4k \times 16$ bit used for data buffering between ...

www.diva-portal.org/diva/getDocument?urn_nbn_se_liu_diva-8908-1__fulltext.pdf -

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[PDF] 효율적인 Memory-based FFT Processor와 Addressing Scheme

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[Interleaver for mapping symbols on the carriers of an OFDM system ...](#)

a **linear feedback shift register** including a predetermined number of register ... and the permutation order forms an **eleven bit address** $R_i[n]$ for the i -th ...

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[Data processing apparatus and method - Patent 20040246888](#)

[0007] The address generator comprises a **linear feedback shift register** ... The permutation order forms an **eleven bit address** $R_{sub.i}[n]$ for the i -th data ...

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Data block deinterleaving and error correction system - Patent 5051998

... for selecting (from three sets of **11-bit address** values) the clock pulses) and presetting that initial value in the **linear feedback shift register**. ...

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11-bit address bus from the DSP. Most of these will be a **Linear Feedback Shift Register** (LFSR), which will produce most of the values of a ...

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11-bit address mode - The chip is in this mode, if, during reset CFG0 = 1. SCC2 wakes up with the ed as a **linear feedback shift register** (LFSR). See ...

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- ☐ 1. [Interleaver for mapping symbols on the carriers of an OFDM system](#)
Peron, Jean-Luc (SONY UNITED KINGDOM LIMITED), EUROPEAN PATENT APPLICATION, May 2006
patno:EP1662739
...Multiplexed (**OFDM**) symbol...generate a **pseudo random bit sequence** and a **permutation** circuit...provide a **4k mode**. The **4k mode** has been...comprises a **linear feedback shift register** including...generate a **pseudo-random bit sequence** in accordance...
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- ☐ 2. [Interleaver for mapping symbols on the carriers of an OFDM system](#)
Peron, Jean-Luc (SONY UNITED KINGDOM LIMITED), EUROPEAN PATENT APPLICATION, May 2006
patno:EP1662740
...Multiplexed (**OFDM**) symbol...generate a **pseudo random bit sequence** and a **permutation** circuit...provide a **4k mode**. The **4k mode** has been...comprises a **linear feedback shift register** including...generate a **pseudo-random bit sequence** in accordance...
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- ☐ 3. [Interleaver for mapping symbols on the carriers of an OFDM system](#)
Peron, Jean-Luc (SONY UNITED KINGDOM LIMITED), EUROPEAN PATENT APPLICATION, Sep 2004
patno:EP1463255
...Multiplexed (**OFDM**) symbol...generate a **pseudo random bit sequence** and a **permutation** circuit. The **permutation** circuit permutes...one of the **OFDM** carriers...provide a **4k mode**. The **4k mode**...comprises a **linear feedback shift register** including...generate a **pseudo-random bit sequence** in accordance...and the **linear feedback shift register** has eleven...providing a **4k mode**. Whilst the...
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- ☐ 4. [Interleaver for mapping symbols on the carriers of an OFDM system](#)
Peron, Jean-Luc (SONY UNITED KINGDOM LIMITED), EUROPEAN PATENT, Sep

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patno:EP1463256

...Multiplexed (**OFDM**) symbol...generate a **pseudo random bit sequence** and a **permutation** circuit...provide a **4k mode**. The **4k mode** has been...comprises a **linear feedback shift register** including...generate a **pseudo-random bit sequence** in accordance...

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☐ 5. [Data processing apparatus and method](#)

Peron, Jean-Luc, *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION*, Dec 2004

patno:US20040246888

...generate the **permutation** function...generator **polynomial**. Therefore...**polynomial** a **pseudo random bit sequence** is generated...generator **polynomial**. The address...**polynomial** and the **permutation** order is...using a LFSR (**Linear Feedback Shift Register**). [0046...generate the **pseudo random bit sequence**. The **permutation** of the contents...0059] The **polynomial** used to generate...

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- ☐ 1. [OFDM proposal for the IEEE 802.16a PHY draft standard \[PDF-2MB\]](#)
Mar 2001
...25 4.2.2.2.4 **4K mode** characterisation...31 4.3.4.1.7 **4k mode** US
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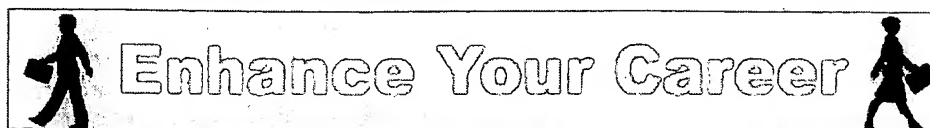
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- ☐ 1. METHOD FOR RECEPTION OF DVB-H SIGNALS AND DVB-H RECEIVER
AUE, Volker (PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH ; KONINKLIJKE PHILIPS ELECTRONICS N. V.), PATENT COOPERATION TREATY APPLICATION, Jan 2007
 patno:WO07010431
 ...to support the additional modes defined for **DVB-T-T (4k mode, indepth interleaver)**. The **DVB-T** receiver has the ability to discard an arbitrary...to support the additional modes defined for **DVB-T-T (4k mode, indepth interleaver)** - The **DVB-T** baseband...
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- ☐ 2. Method and device for processing a DVB-H (Digital Video Broadcasting -Handheld) compliant transport stream
Clerget, Antoine / Capiere, Patrick (Udcast), EUROPEAN PATENT APPLICATION, Mar 2007
 patno:EP1768285
 ...over digital video broadcasting (**DVB**) networks. Internet Protocol...group of users. In particular, **DVB-H (DVB Handheld)** standard compliant...RS-packets per OFDM superframe in the **DVB-T** transmission mode which is...the 8K mode $n = s \times 2$, in the **4K mode** $n = s \times 4$, in the 2K mode $n = s$...
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- ☐ 3. Interleaver for mapping symbols on the carriers of an OFDM system
Peron, Jean-Luc (SONY UNITED KINGDOM LIMITED), EUROPEAN PATENT APPLICATION, May 2006
 patno:EP1662740
 ...is known within the **DVB-T** standard to provide...advantages in providing a **4k mode**. Whilst the 8k mode...twenty four. As such a **4k mode** can be provided for example for a **DVB** standard, such as...in Figure 3 in the **4k mode**;Figure 8 is a schematic...example, with the **DVB-T** standard; andFigure...
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- ☐ 4. Interleaver for mapping symbols on the carriers of an OFDM system
Peron, Jean-Luc (SONY UNITED KINGDOM LIMITED), EUROPEAN PATENT APPLICATION

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APPLICATION, May 2006

patno:EP1662739

...is known within the **DVB-T** standard to provide...advantages in providing a **4k mode**. Whilst the 8k mode...twenty four. As such a **4k mode** can be provided for example for a **DVB** standard, such as...in Figure 3 in the **4k mode**; Figure 8 is a schematic...example, with the **DVB-T** standard; and Figure...


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- ☐ 5. METHOD AND DEVICE FOR PROCESSING A DVB-H (DIGITAL VIDEO BROADCASTING - HANDHELD) COMPLIANT TRANSPORT STREAM

CLERGET, Antoine / CIPIERE, Patrick (UDCAST), *PATENT COOPERATION TREATY APPLICATION*, Apr 2007

patno:WO07039479

METHOD AND DEVICE FOR PROCESSING A **DVB-H** (DIGITAL VIDEO BROADCASTING...over digital video broadcasting (**DVB**) networks. Internet Protocol...packets per OFDM superframe in the **DVB-T** transmission mode which is...the 8K mode $n = s \times 2$, in the **4K mode** $n = s \times 4$, in the 2K mode $n =$

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- ☐ 6. Interleaver for mapping symbols on the carriers of an OFDM system

Peron, Jean-Luc (SONY UNITED KINGDOM LIMITED), *EUROPEAN PATENT*, Sep 2004

patno:EP1463256

...is known within the **DVB-T** standard to provide...advantages in providing a **4k mode**. Whilst the 8k mode...twenty four. As such a **4k mode** can be provided for example for a **DVB** standard, such as...in Figure 3 in the **4k mode**; Figure 8 is a schematic...example, with the **DVB-T** standard; and Figure...


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- ☐ 7. Interleaver for mapping symbols on the carriers of an OFDM system

Peron, Jean-Luc (SONY UNITED KINGDOM LIMITED), *EUROPEAN PATENT APPLICATION*, Sep 2004

patno:EP1463255

...is known within the **DVB-T** standard to provide...advantages in providing a **4k mode**. Whilst the 8k mode...twenty four. As such a **4k mode** can be provided for example for **DVB-T**. Mapping data symbols...in Figure 3 in the **4k mode**; Figure 8 is a schematic...example, with the **DVB-T** standard; and Figure...

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- ☐ 8. DVB-H: Digital Broadcast Services to Handheld Devices [PDF-2MB]

Apr 2007

...for the network design. **4K mode** is an option for **DVB-H** complementing the 2K...high-speed reception. • The **DVB-T 4K mode** can be used both for...over IP FARIA et al.: **DVB-H: DIGITAL BROADCAST...HANDHELD DEVICES** 197 Fig. 3. **4k mode** with 8k interleaving...

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- ☐ 9. Method and system for concurrent communicating of high definition television (HDTV) and standard definition television (SDTV) information in a multistandard wireless communication system

Van Rooyen, Pieter (Broadcom Corporation), *EUROPEAN PATENT APPLICATION*, Apr 2007

patno:EP1770883

...mobile broadcasting the **DVB-H** specification may...equipment, addition of a **4K mode** to enable network...data protocols. The **4K mode** in **DVB-H** may utilize 3,409...8MHz channel. The **4K mode** may enable network...cost. Importantly, **DVB-T** and **DVB-H** may coexist...


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- ☐ **10. [Microsoft Word - Evaluation of DVB-H Broadcast Systems Using New Radio Channel Models.doc](#)** [PDF-686K]
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 ...in-depth interleavers The **4K mode** is an intermediate...and is added to the **DVB-T** physical layer to...high-speed reception. The **DVB-T 4K mode** can be used both for...complexity. Neither the **4K mode** nor in-depth interleavers are mandatory for **DVB-H**. 2.2.2. **DVB-H** signaling...
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- ☐ **11. [Hybrid cellular-broadcasting infrastructure systems: radio resource management issues](#)**
Bria, Aurelian , Jan 2006
 ...main topic in the second approach. For a **DVB-H** type of network, the numerical evaluations...one of the state of the art technologies (**DVB-H**) the results show that achieving economies...Mobile Users 37 4.1 Short introduction to **DVB-H**...
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Bria, Aurelian , Apr 2006
 ...one of the state of the art technologies (**DVB-H**) the results show that achieving economies...Mobile Users 37 4.1 Short introduction to **DVB-H**...Systems 38
 4.3 Scalability of **DVB-H** Infrastructure Deployment (Paper 5...
Full text thesis available via NDLTD (DiVA at Uppsala University)
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- ☐ **13. [Mobile terminal architecture with multichip design for cellular or wireless networks and broadcast reception](#)**
van Rooyen, Pieter (Broadcom Corporation), *EUROPEAN PATENT APPLICATION*, Jun 2006
 patno:EP1670163
 ...mobile broadcasting the **DVB-H** specification may...equipment, addition of a **4K mode** to enable network...data protocols. The **4K mode** in **DVB-H** may utilize 3,409...8MHz channel. The **4K mode** may enable network...cost. Importantly, **DVB-T** and **DVB-H** may coexist...
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- ☐ **14. [Method and system for mobile receiver antenna architecture for handling various digital video broadcast channels](#)**
van Rooyen, Pieter (Broadcom Corporation), *EUROPEAN PATENT APPLICATION*, Jun 2006
 patno:EP1670151
 ...mobile broadcasting the **DVB-H** specification may...equipment, addition of a **4K mode** to enable network...data protocols. The **4K mode** in **DVB-H** may utilize 3,409...8MHz channel. The **4K mode** may enable network...cost. Importantly, **DVB-T** and **DVB-H** may coexist...
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- ☐ **15. [Method and system for receiving broadcast and cellular communication in a mobile terminal with a cellular transceiver and a broadcast receiver](#)**
Van Rooyen, Pieter (Broadcom Corporation), *EUROPEAN PATENT APPLICATION*, Jun

2006

patno:EP1670160

...mobile broadcasting the **DVB-H** specification may...equipment, addition of a **4K mode** to enable network...data protocols. The **4K mode** in **DVB-H** may utilize 3,409...8MHz channel. The **4K mode** may enable network...cost. Importantly, **DVB-T** and **DVB-H** may coexist...

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☐ **16. MEMORY EFFICIENT OFDM CHANNEL ESTIMATION AND FREQUENCY DOMAIN DIVERSITY PROCESSING**

ANANTH, Sharath / KOHLI, Sanjai / STURZA, Mark Alan / LEIMER, Donald (SIRF TECHNOLOGY, INC.), PATENT COOPERATION TREATY APPLICATION, Aug 2007
 patno:WO07087111

...MHz, 7 MHz, 6 MHz, and 5 MHz channel spacings. The 2K mode and 8K mode are defined for **DVB-T** and **DVB-H** transmissions. The **4K mode** is defined exclusively for **DVB-H** transmissions. [0008] The **DVB-T/H** signal structure is organized into frames. Each frame...

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[view all 95 results from Patent Offices](#)
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☐ **17. Novas hybrid positioning technology using terrestrial digital broadcasting signal (DBS) and global positioning system (GPS) satellite signal**

Shyr, You-Yah Jack / Ji, Cuichai / Cheng, Mingqiang (O2Micro, Inc.), EUROPEAN PATENT APPLICATION, May 2007
 patno:EP1785741

...namely DAB (digital audio broadcasting) and **DVB** (digital video broadcasting) /ATSC (advanced...broadcasting system (T-DBS), which includes DAB, **DVB**, and ATSC system, has an unparalleled edge...initialization packet in a mega frame of a **DVB** signal according to one exemplary embodiment...

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☐ **18. Reception in a wireless communication system which uses interleaving of both bits and symbols**

Oh, Hyun-Seok / Yoon, Jung-Wook / Ha, Ji-Won / Yim, Eun-Jeong (Samsung Electronics Co., Ltd.), EUROPEAN PATENT APPLICATION, Apr 2007
 patno:EP1770939

...a digital video broadcasting (**DVB**) system. More particularly, the...video broadcasting-handheld (**DVB-H**) system is a standard in which a **4K-mode** fast Fourier transform (FFT...and the like are added to a **DVB-terrestrial (DVB-T)** system based...

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☐ **19. Interactive TV: A new application for mobile computing**

Rauschenbach, U. , Computers & Graphics, 30 (5), p.727-736, Oct 2006

...Application of synchronisation: signer on demand. Fig. 7 A **DVB-H** terminal prototype. Fig. 8 **DVB-H** time slicing principle. Fig. 9 The key hierarchy...recommended, O: optional, M: mandatory Standard Video Audio **DVB** IPDC H.264 (R), VC-1 (O) HE AAC v2 (M), AMRWB+(O...


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XU, Liling / Song, Jae-Yeon / Jung, Ki-Ho / Wang, Ping, Yikwangkwaki Bldg. (Samsung Electronics Co., Ltd.), EUROPEAN PATENT APPLICATION, Nov 2006
 patno:EP1717974

...is identical to the **DVB-T** standard, except for the addition of a **4K mode**, as illustrated

in FIG. 1. The **4K mode** is optional, aimed...of flexibility for **DVB-H** network planning...FIG. 2 illustrates a **DVB-H** frame for the **4K mode**. Referring to FIG...

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